

**REACTION INJECTION MOLDABLE COMPOSITIONS, METHODS
FOR MAKING SAME, AND RESULTANT GOLF ARTICLES**

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ABSTRACT

- The invention relates to a method for forming golf equipment, or a portion thereof, preferably for forming one or more layers of a golf ball, including: providing a first reactable component containing an isocyanate-containing compound, and a second reactable component containing at least one polyol, polyamine, or epoxy-containing compound; 10 mixing the reactable components together to form a reactive mixture; and injecting the reactive mixture into a cavity or mold having a desired shape within a time sufficient to avoid substantial polymerization, gelation, or solidification. Alternately, instead of providing an isocyanate-containing reactable component and at least one polyol, polyamine, or epoxy-containing compound, the method may include providing at least two sets of 15 precursor components that can be reacted to form at least two different polymers of an interpenetrating polymer network, at least one polymer being crosslinked, wherein, if any of the at least two component sets include a mixture of precursor components, then that mixture must be sufficiently non-reactive such that the sets of precursor components, when placed in contact with each other, can still form an interpenetrating polymer network.

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